

## PATENT ABSTRACTS OF JAPAN

(11)Publication number : 07-017958

(43)Date of publication of application : 20.01.1995

(51)Int.Cl.

C07D305/06

C08G 65/18

C08L 71/02

(21)Application number : 05-183459

(71)Applicant : RENSSLAER POLYTECHNIC INST

(22)Date of filing : 30.06.1993

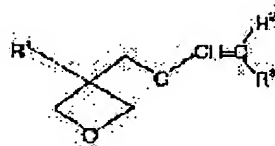
(72)Inventor : CRIVELLO JAMES V  
SASAKI HIROSHI

## (54) OXETHANE COMPOUND

## (57)Abstract:

PURPOSE: To provide a novel oxethane compound useful as monomer for optically initiating cation polymerization by short-time UV irradiation without exclusion of oxygen.

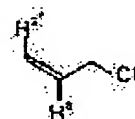
CONSTITUTION: This compound of formula I (wherein R1 represents H, a 1-6C alkyl, F, 1-6C fluoroalkyl, allyl, aryl, furyl or thienyl; R2 represents a 1-6C alkyl; R3 represents H or a 1-6C alkyl), for example 3-ethyl-3-(2-propenyloxy) methyl-oxethane is obtained by, for example, reacting hydroxymethyloxethane of formula II with an allyl halide of formula III to obtain allyloxymethyloxethane of formula IV and rearranging its aryl ether to vinyl ether in the presence of a ruthenium catalyst.



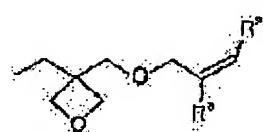
I



II



III



IV

## LEGAL STATUS

[Date of request for examination]

16.06.1997

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

2902269

[Date of registration]

19.03.1999

[Number of appeal against examiner's decision of rejection]

[Date of requesting appeal against examiner's decision of rejection]